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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/075,666	05/11/1998	TETSUJIRO KONDO	450100-2780.	3934
20999	7590	01/30/2007	EXAMINER	
FROMMER LAWRENCE & HAUG 745 FIFTH AVENUE- 10TH FL. NEW YORK, NY 10151			KIM, CHONG R	
		ART. UNIT	PAPER NUMBER	
		2624		
SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE		DELIVERY MODE	
3 MONTHS	01/30/2007		PAPER	

**Please find below and/or attached an Office communication concerning this application or proceeding.**

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	09/075,666	KONDO, TETSUJIRO	
	<b>Examiner</b> Charles Kim	<b>Art Unit</b> 2624	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

1)  Responsive to communication(s) filed on 11 October 2006.

2a)  This action is FINAL.                            2b)  This action is non-final.

3)  Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

4)  Claim(s) 1-38 is/are pending in the application.  
4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.

5)  Claim(s) \_\_\_\_\_ is/are allowed.

6)  Claim(s) 1-38 is/are rejected.

7)  Claim(s) \_\_\_\_\_ is/are objected to.

8)  Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

9)  The specification is objected to by the Examiner.

10)  The drawing(s) filed on \_\_\_\_\_ is/are: a)  accepted or b)  objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)  The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

12)  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a)  All    b)  Some \* c)  None of:  
1.  Certified copies of the priority documents have been received.  
2.  Certified copies of the priority documents have been received in Application No. 08/061730.  
3.  Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

1)  Notice of References Cited (PTO-892) 4)  Interview Summary (PTO-413)  
2)  Notice of Draftsperson's Patent Drawing Review (PTO-948) Paper No(s)/Mail Date. \_\_\_\_ .  
3)  Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_ . 5)  Notice of Informal Patent Application  
6)  Other: \_\_\_\_ .

## **DETAILED ACTION**

### ***Continued Examination Under 37 CFR 1.114***

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on September 21, 2006 has been entered.

### ***Non-Compliant Amendments***

2. The amendment filed September 21, 2006 proposes amendments to the claims that do not comply with 37 CFR 1.173(b)(2) and (d), which sets forth the manner of making amendments for claims in reissue applications. More specifically, the amendment filed by applicant includes numerous defects such as wrong status identifiers and improper bracketing/underlining. According to 37 CFR 1.173(d), changes to the claims must include the following markings:

- i. The matter to be omitted by reissue must be enclosed on brackets; and
- ii. The matter to be added by reissue must be underlined.

A supplemental paper correctly amending the reissue application is required in response to this Office Action. Because this is a reissue application, 37 CFR 1.121 amendment practice does not apply. Accordingly, the Notice of Non-Compliance with Rule 1.121 mailed March 22, 2004 is VACATED.

***Oath/Declaration***

3. The reissue oath/declaration filed with this application is defective because it fails to identify at least one error which is relied upon to support the reissue application. See 37 CFR 1.175(a)(1) and MPEP § 1414.
4. A supplemental reissue oath/declaration must be filed because additional defects or errors were corrected in the reissue after the filing of the application. See MPEP § 1414.01. Moreover, “the supplemental reissue oath/declaration must state that every error which was corrected in the reissue application not covered by the prior oath(s)/declaration(s) submitted in the application arose without any deceptive intention on the part of the applicant.” MPEP § 1414.01. The applicant is suggested to file one declaration that corrects all the deficiencies listed above.

***Claim Rejections - 35 USC § 251***

5. Claims 1-38 are rejected under 35 U.S.C. 251 as being an improper recapture of broadened claimed subject matter surrendered in the application for the patent upon which the present reissue is based. See *Pannu v. Storz Instruments Inc.*, 258 F.3d 1366, 59 USPQ2d 1597 (Fed. Cir. 2001); *Hester Industries, Inc. v. Stein, Inc.*, 142 F.3d 1472, 46 USPQ2d 1641 (Fed. Cir. 1998); *In re Clement*, 131 F.3d 1464, 45 USPQ2d 1161 (Fed. Cir. 1997); *Ball Corp. v. United States*, 729 F.2d 1429, 1436, 221 USPQ 289, 295 (Fed. Cir. 1984). A broadening aspect is present in the reissue which was not present in the application for patent. The record of the application for the patent shows that the broadening aspect (in the reissue) relates to claim subject matter that applicant previously surrendered during the prosecution of the application. Accordingly, the narrow scope of the claims in the patent was not an error within the meaning of

35 U.S.C. 251, and the broader scope of claim subject matter surrendered in the application for the patent cannot be recaptured by the filing of the present reissue application.

Here, recapture exists because there are broadening aspects of reissue claims 15-38 that relate to surrendered subject matter. See MPEP 1412.02. More specifically, reissue claims 15, 19, 23, 27, 30, 33, 36 omit limitations that are directed to limitations relied upon by applicant in the original application to make the claims allowable over the prior art. For example, in their amendment filed on May 8, 1995, applicant amended claim 1 in the original application to include the limitation “in which a position of at least one of said clustered pixel data of said standard definition digital signal is spatially located at the same position of at least one of said generated interpolated data.” Additionally, in their arguments filed on October 28, 1995, applicant relied on this added limitation to argue that claim 1 is allowable over the prior art (Arguments, pages 2-3). In response to applicant’s arguments, the examiner allowed claims 1-14 on November 14, 1995. Accordingly, the limitation added by applicant in their May 8 amendment is considered subject matter previously surrendered.

Claims 15, 19, 23, 27, 30, 33, 36 in the reissue application do not recite the limitation “in which a position of at least one of said clustered pixel data of said standard definition digital signal is spatially located at the same position of at least one of said generated interpolated data.” As a result, these claims in the reissue application omit limitations that are directed to limitations relied upon by applicant in the original application to make the claims allowable over the prior art. Under MPEP 1412.02, claims 15, 19, 23, 27, 30, 33, 36 that have been broadened in this manner are barred by the recapture doctrine.

6. Claims 1-38 are rejected as being based upon a defective reissue oath/declaration under 35 U.S.C. 251 as set forth above. See 37 CFR 1.175.

The nature of the defect(s) in the oath/declaration is set forth in the discussion above in this Office action.

***Assent of Assignee and 3.73(b)***

7. The Assent of Assignee filed on May 11, 1998 and the 3.73(b) statement filed on October 26, 1998 are not signed by the same party. Appropriate correction is required.

***Contact Information***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Charles Kim whose telephone number is 571-272-7421. The examiner can normally be reached on Mon thru Thurs 8:30am to 6pm and alternating Fri 9:30am to 6pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bhavesh Mehta can be reached on 571-272-7453. The fax phone number for the organization where this application or proceeding is assigned is 571-272-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

*ak*  
ck  
January 22, 2007

*Bhavesh M Mehta*  
BHAVESH M MEHTA  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2600